

**AMENDMENTS TO THE CLAIMS:**

The listing of claims will replace all prior versions, and listings of claims in the application:

**LISTING OF CLAIMS:**

1-5. (Canceled)

6. (Currently amended) A method of generating a show-through pattern on a duplex-printed document through selective disposition of halftone patterns on opposite sides of ~~an opaque~~ a paper document comprising steps of:

printing a first image on a first side of the document in a first halftone pattern; and,

printing a second image different from the first image on a second side of the document in a second halftone pattern wherein the first and second halftone patterns present the first and second images upon front-lit illumination respectively, and are disposed to form a recognizable marking produced through a local ~~frequency~~ phase shift of the printed halftone dots comprising a multiplicative halftone pattern interaction forming the show-through pattern and which show-through pattern is distinct from the first and second images upon illumination from a show-through light source.

7. (Currently amended) The method as defined in claim 6 wherein the recognizable marking comprises a variation in moiré pattern and the first and second halftone patterns are obtained by utilizing a first and a second clustered-dot halftone screen and the second halftone screen incorporates a ~~frequency~~ the phase shift in dot pattern in the shape of the said recognizable marking.

8. (Canceled)

9-11. (Canceled)

12. (Currently Amended) A duplex-printed paper document having a show-through watermark comprising a selective overlay between a first image on a first side of the document and a second image distinct from the first image ~~comprising an opaque substrate on a second side of the document~~, the first and second images comprising independent and different images respectively to a viewer upon front-lit illumination, and wherein the images comprise halftone dots relatively adjusted through a phase shift for multiplicative cooperating to form the watermark upon illumination of the document from a show-through light source wherein the watermark is produced through a local frequency shift combination of the halftone dots between the first and second sides of the document.

13-16. (Canceled)

17. (Currently Amended) A method of duplex printing ~~an opaque a~~ paper document for forming a show-through watermark thereon upon back-lit illumination comprising steps of:

printing a front pattern on a front side of the document; and,

printing a back pattern on a back side of the document wherein the front and back patterns present independent images of distinctive patterns respectively upon front-lit illumination and wherein the patterns are disposed for interacting upon back-lit illumination to produce a recognizable marking, produced through a local phase ~~frequency or angle shift~~ of printed halftone dots, wherein the marking is not recognizable upon only front-lit illumination of the independent images.

18. (Canceled)